SEQUENCE LISTING

<110> Lraine, Robert Paul

<120> Kluyveromyces Strains Metabolizing
Cellulosic and Hemicellulosic Materials

<130> PHAGE.018A

<140> 10/759,785
<141> 2004-01-16

<150> 60/442,455
<151> 2003-01-24

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1
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<212> DNA
<213> Kluyveromyces marxianus strain SSSJ-0

<220>
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<222> 12, 18
<223> n = A,T,C or G

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tgttccttgg aacaggacgt catagagggt gagaatcccg tgtggcgagg atcccagtta 180
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ggataaatcc tcgggaatgt ggctctgctt cggtagagtg ttatagcccg tgggaataca 480
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gc 542

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<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Chemically synthesized D1/D2 primer NL-1

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<210> 3
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<212> DNA

<213> Artificial Sequence

<220>
<223> Chemically synthesized D1/D2 primer NL-4

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<211> 545
<212> DNA
<213> Kluyveromyces marxianus

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ttatttgtaa agtgctttcg acgagtcgag ttgtttggga atgcagctct aagtgggtgg 240
taaattccat ctaaagctaa atattggcga gagaccgata gcgaacaagt acagtgatgg 300
aaagatgaaa agaactttga aaagagagtg aaaaagtacg tgaaattgtt gaaagggaag 360
ggcatttgat cagacatggc gtttgcttcg gctttcgctg ggccagcatc agtttttagcg 420
gttggataaa tcctcgggaa tgtggctctg cttcggtaga gtgttatagc ccgtgggaat 480
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gccgc                                                               545
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<211> 545
<212> DNA
<213> Kluyveromyces lactis

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ctatgttcct tggaacagga cgtcatagag ggtgagaatc ccgtgtggcg aggatcccag 180
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<211> 545
<212> DNA
<213> Kluyveromyces wickerhamii

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ctatgttcct tggaacagga cgtcatagag ggtgagaatc ccgtgtggcg aggatcccag 180
ttatatgtaa agtgctttcg acgagtcgag ttgtttggga atgcagctct aagtgggtgg 240
taaattccat ctaaagctaa atattggcga gagaccgata gcgaacaagt acagtgatgg 300
aaagatgaaa agaactttga aaagagagtg aaaaagtacg tgaaattgtt gaaagggaag 360
ggcatttgat cagacatggc gtttgcttcg gcgttcgctg ggccagcatc agtttttagcg 420
gttggataaa tcctcgggaa tgtagctcta cctcggtaga gtgttatagc ccgtgggaat 480
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<210> 7
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<212> DNA
<213> Kluyveromyces dobzhanskii

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ttatgttcct tggaacagga cgtcatagag ggtgagaatc ccgtgtggcg aggataccag 180
ttatatgtaa agtactttcg acgagtcgag ttgtttggga atgcagctct aagtgggtgg 240
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aaagatgaaa agaactttga aaagagagtg aaaaagtacg tgaaattgtt gaaagggaag 360
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gctggataaa tcctcgggaa tgtggctcta ccgtggtaga gtgttatagc ccgtgggaat 480
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gccgc                                                                        545
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